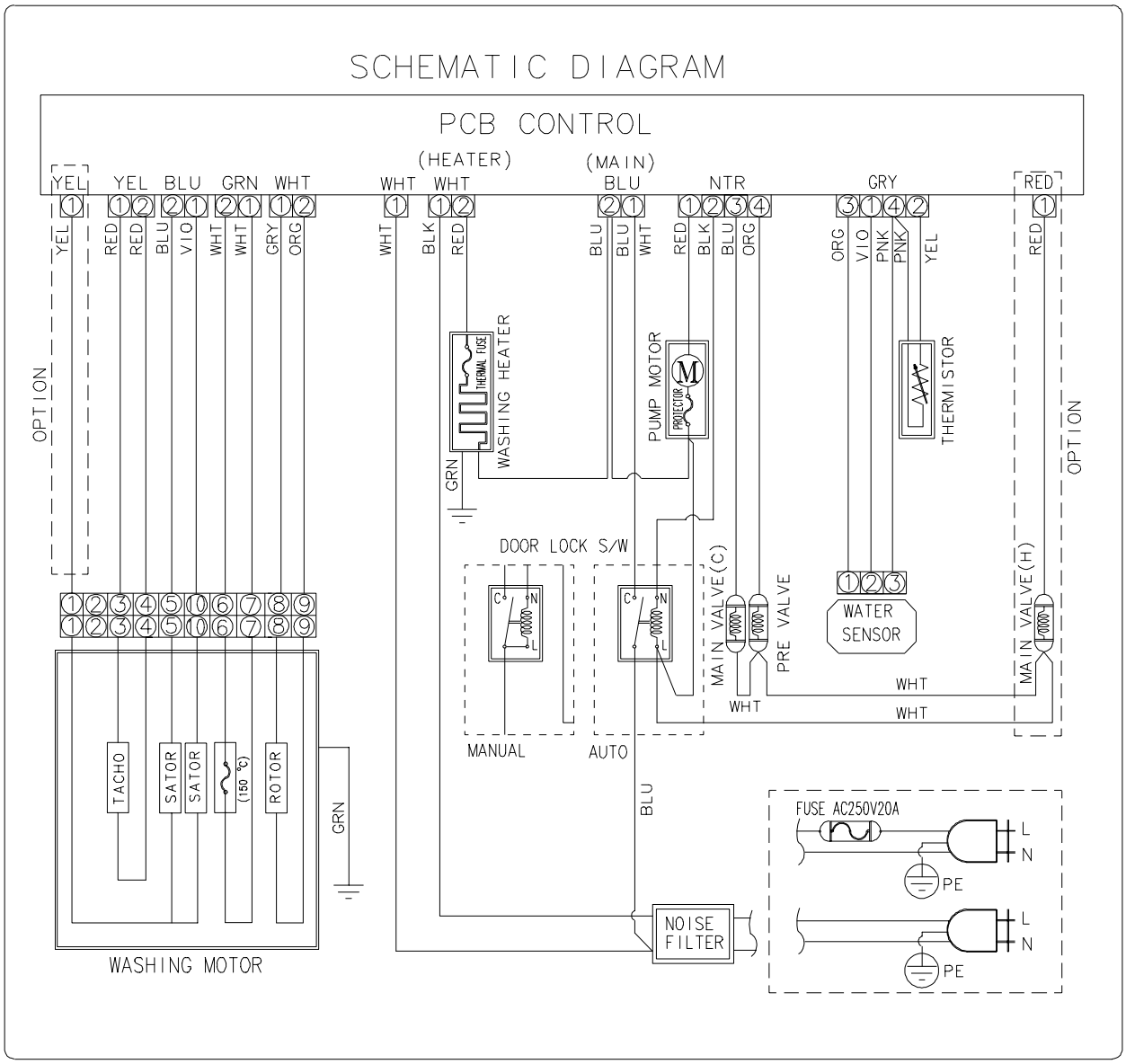
8. PCB Schematic Diagram



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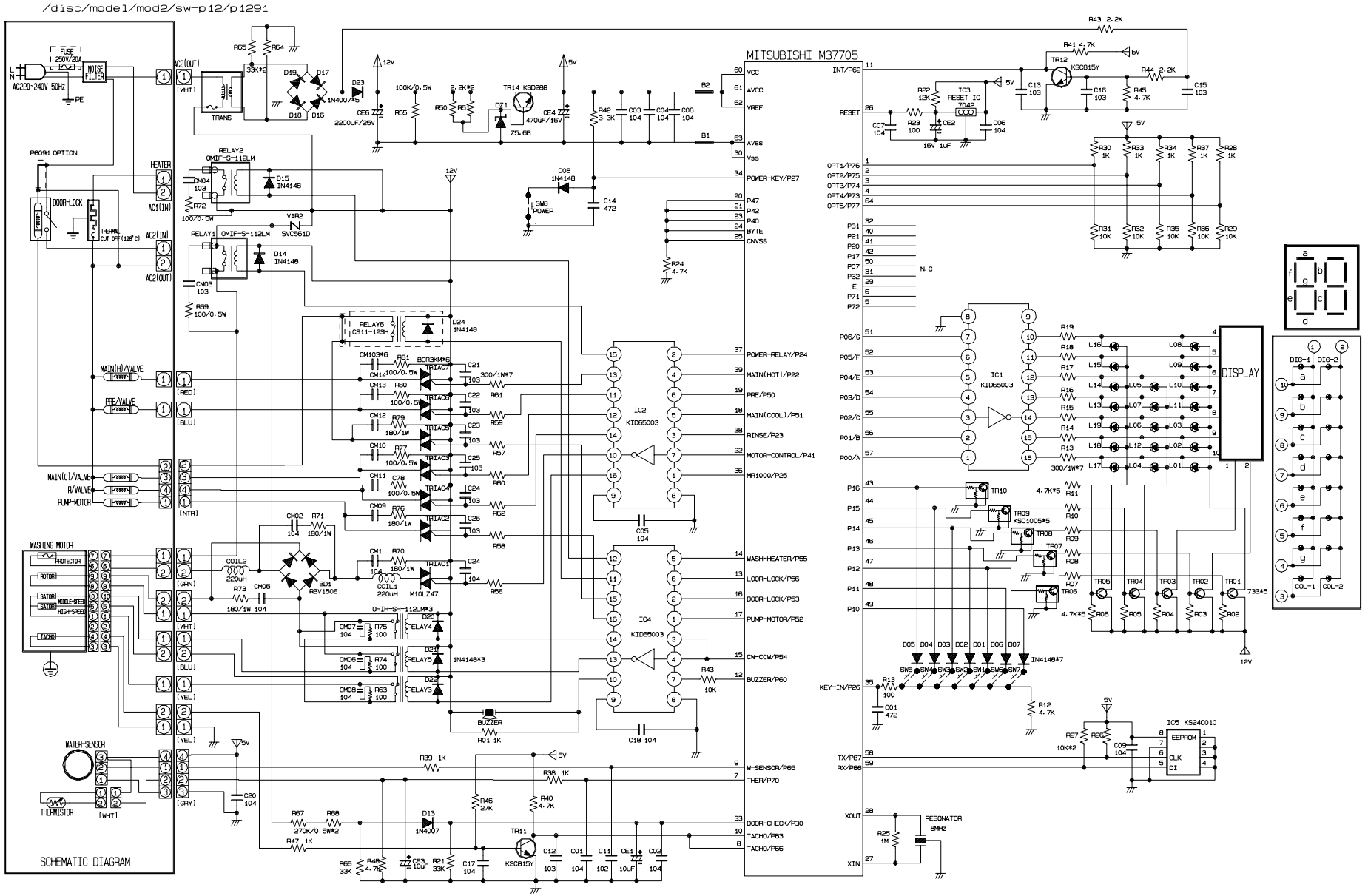
8. PCB CIRCUIT DIAGRAM



8. PCB List

LOCATION NO.	CODE NO.	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
WDD01	1401-001007	THYRISTOR-TRIAC	10A,800V,20uA,300V/uS,TO-220AB	1	TRIAC1
WDD01	1401-001024	THYRISTOR-TRIAC	2A,800V,20UA,300V/US,TO-220F	5	TRIAC2,3,4,5,6
WDD02	0402-001023	DIODE-BRIDGE	RBV1506,600V,15A,SIP-4	1	B/D
WDD03	3501-001163	RELAY-MINIATURE	12VDC,200MW,5000MA,1FORMA,10MS,5MS	1	RELAY6
WDD04	3501-001156	RELAY-POWER	12VDC,0.53W,16000MA,1FORMA,20MS,10MS	1	RELAY1
WDD05	0402-000137	DIODE-RECTIFIER	1N4007,1000V,1A,DO-41,TP	1	D13,D16~D19,D23
WDD06	0504-001045	TR-DIGITAL	KRC119M,NPN,400MW,4.7K/10K,TO-92M,TP	1	TR06
WDD06	0504-001045	TR-DIGITAL	KRC119M,NPN,400MW,4.7K/10K,TO-92M,TP	1	TR07
WDD06	0504-001045	TR-DIGITAL	KRC119M,NPN,400MW,4.7K/10K,TO-92M,TP	1	TR08
WDD06	0504-001045	TR-DIGITAL	KRC119M,NPN,400MW,4.7K/10K,TO-92M,TP	1	TR09
WDD06	0504-001045	TR-DIGITAL	KRC119M,NPN,400MW,4.7K/10K,TO-92M,TP	1	TR10
WDD08	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-	1	TR01
WDD08	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-	1	TR02
WDD08	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-	1	TR03
WDD08	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-	1	TR04
WDD08	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-	1	TR05
WDD08	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-	1	TR11
WDD08	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-	1	TR12
WDD10	2802-001058	RESONATOR-CERAMIC	8MHz,0.2%,TP,10x5x8mm	1	RESO
WDD11	DE13-20017A	IC-DRIVE	KID65003AP,DIP,16P,STICK,TR-AR	1	IC1
WDD11	DE13-20017A	IC-DRIVE	KID65003AP,DIP,16P,STICK,TR-AR	1	IC2
WDD11	DE13-20017A	IC-DRIVE	KID65003AP,DIP,16P,STICK,TR-AR	1	IC4
WDD12	1103-001160	IC-EEPROM	24C010,128X8BIT,DIP,8P,300MIL,-,5V,10%,PLASTIC,-40TO+85	1	IC5
WDD13	DE30-20016A	BUZZER	CBE2220BA,STICK,-,-,-,-,-,-,-	1	BZ
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW1
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW2
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW3
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW4
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW5
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW6
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW7
WDD14	3404-001022	SWITCH-TACT	15V,20mA,130±40gf,6x6x5mm,SPS	1	SW8
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L01
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L02
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L03
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L06
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L07
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L08
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L09
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L10
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L11
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L12
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L13
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L14
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L15
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L16
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L17
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L18
WDD15	DE07-20040A	LED LAMP	SLH-34VC70F,RED,T,PI5,-,-,-,-	1	L19
WDD16	0703-001084	LED DISPLAY	GRN,2DIGIT,16SEG,23.7X18.7X28.6MM	10	DISP